

Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09711590 on January 10, 2003

14 455/436 (7 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/436 ..Handoff

7 455/439 (1 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/439 ...Handoff initiated by another source (e.g.,  
target, user initiated, mobile switching center (MSC), or  
mobile telephone switching office (MTSO), etc.)

6 370/331 (2 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/331 ...Hand-off control

6 455/453 (0 OR, 6 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/450 ..Channel allocation  
455/453 ...Load balancing

6 455/512 (2 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
  
455/500 .Plural transmitters or receivers (i.e., more  
than two stations)  
455/507 ..Central station (e.g., master, etc.)  
455/509 ...Channel allocation  
455/512 ....Based on priority

5 455/432 (2 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/432 ..Roaming

5 455/434 (1 OR, 4 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/434 ..Control or access channel scanning

5 455/437 (2 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/437 ...Mobile assisted or initiated

5 455/450 (2 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/450 ..Channel allocation

4 370/335 (3 OR, 1 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/328 .Having a plurality of contiguous regions  
served by respective fixed stations  
370/329 ..Channel assignment  
370/335 ...Combining or distributing information via  
code word channels using multiple access techniques (e.g.,  
CDMA)

4 455/422 (1 OR, 3 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system

4 455/435 (2 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/435 ..Registration

4 455/442 (0 OR, 4 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/442 ...Soft handoff

4 455/509 (1 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 ..Plural transmitters or receivers (i.e., more than two stations)

455/507 ..Central station (e.g., master, etc.)

455/509 ...Channel allocation

3 370/468 (0 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS

370/465 ..Adaptive

370/468 ..Assignment of variable bandwidth or time period for transmission or reception

3 455/426 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/426 ..Including other radio communication system (e.g., cordless telephone, paging, trunking, etc.)

3 455/438 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/438 ...Serving site initiated

3 455/443 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/443 ...Overlapping cells

3 455/444 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/436 ..Handoff

455/444 ...Between macro and micro cells

3 455/445 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/445 ..Call routing (e.g., to prevent backhaul,  
routing efficiency, least cost, or alternate routing)

3 455/458 (3 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422 ..Zoned or cellular telephone system

455/458 ..Specific paging technique

3 455/466 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/466 ..Auxiliary data signaling (e.g., short message  
service (SMS))

3 455/560 (0 OR, 3 XR)

Class 455 : TELECOMMUNICATIONS

455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.,  
TRANSCEIVER)

455/550 ..Radiotelephone equipment detail

455/560 ..Switching unit detail (e.g., mobile telephone  
switching office (MTSO), base station controller (BSC),  
etc.)

2 370/347 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/345 ..Combining or distributing information via time  
channels

370/347 ..Multiple access (e.g., TDMA)

2 370/348 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

- 370/345 .Combining or distributing information via time channels  
370/347 ..Multiple access (e.g., TDMA)  
370/348 ...Channel reservation scheme
- 2 370/350 (2 OR, 0 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/310 COMMUNICATION OVER FREE SPACE  
370/345 .Combining or distributing information via time channels  
370/350 ..Synchronization
- 2 370/467 (0 OR, 2 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/466 ..Converting between protocols  
370/467 ...Conversion between signaling protocols
- 2 379/230 (0 OR, 2 XR)  
Class 379 : TELEPHONIC COMMUNICATIONS  
379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION  
379/229 .Interexchange signalling  
379/230 ..Signalling path distinct from trunk (e.g., CCIS)
- 2 455/452 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/450 ..Channel allocation  
455/452 ...Dynamic allocation
- 2 455/456 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422 .Zoned or cellular telephone system  
455/456 ..Location monitoring
- 2 455/461 (1 OR, 1 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/461 .Including personal numbering system (i.e., intelligent network for subscriber tracking or follow-me

subscriber feature)

2 455/519 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/518 ....Having talk group

455/519 .....Talk group forming (e.g., dynamic  
regrouping, talk group assignment)

2 455/520 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more  
than two stations)

455/507 ..Central station (e.g., master, etc.)

455/517 ...To or from mobile station

455/518 ....Having talk group

455/520 .....On-site or multi-site trunking

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09711590 on January 10, 2003

Original Classifications

7 455/436  
3 370/335  
3 455/458  
2 370/331  
2 370/350  
2 455/432  
2 455/435  
2 455/437  
2 455/438  
2 455/444  
2 455/450  
2 455/512

Cross-Reference Classifications

7 455/436  
6 455/439  
6 455/453  
4 370/331  
4 455/434  
4 455/442  
4 455/512  
3 370/468  
3 455/422  
3 455/426  
3 455/432  
3 455/437  
3 455/443  
3 455/445  
3 455/450  
3 455/509  
3 455/560  
2 370/347  
2 370/348  
2 370/467  
2 379/230  
2 455/435  
2 455/456  
2 455/466  
2 455/519  
2 455/520

## Combined Classifications

14 455/436  
7 455/439  
6 370/331  
6 455/453  
6 455/512  
5 455/432  
5 455/434  
5 455/437  
5 455/450  
4 370/335  
4 455/422  
4 455/435  
4 455/442  
4 455/509  
3 370/468  
3 455/426  
3 455/438  
3 455/443  
3 455/444  
3 455/445  
3 455/458  
3 455/466  
3 455/560  
2 370/347  
2 370/348  
2 370/350  
2 370/467  
2 379/230  
2 455/452  
2 455/456  
2 455/461  
2 455/519  
2 455/520

PLUS Search Results for S/N 09711590, Searched January 10, 2003

6205128  
6385451  
6006091  
5839067  
5937353  
5987331  
6477370  
6169900  
6031827  
6125276  
5381464  
5596625  
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6131029  
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6233222  
6233453  
6334052  
6493555  
5787080  
5974036  
5497504  
5884174  
6038452  
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6314293  
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6108323  
6134440  
6249681  
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5864761  
5991619  
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6223046

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4612415  
4881271  
5203008  
5203020